

Work Order ID 86302

June-26-12 3:39:34 PM

86302

Page 1

Item ID: D2330-7

Accept

Revision ID:

Item Name: Frame

Start Date: 26/06/2012 Start Qty: 1.00

Required Date: 10/07/2012 Req'd Qty: 1.00

Reference:

N9000040100

Setup Start ***NS1***

Stop ***NS2***

Cust Item ID:

Customer:

1
1 2x

Approvals: Process Plan: MLJ

Date: 12/06/26 Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2330	H

100

0.00

100

Large Fab

Memo

0.00

Large Fab

1- Cut tube as per dwg D2330
2- remove identification marks and deburr

Pl 12.10.02

2x

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.00

Quality Control

Pl 12.10.02

120

Identify as per dwg & Stock Location: WA

0.00

120

Packaging

Memo

0.00

Packaging

Pl 12.10.02

2x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86302

June-26-12 3:39:34 PM

86302

Page 2

Item ID: D2330-7

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Frame

Stop ***NS2***

Start Date: 26/06/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/07/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

12/10/30

MF
12-10-03

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

June-26-12 3:39:38 PM

Page 1

Work Order ID: 86302

86302

Parent Item: D2330-7

D2330-7

Parent Item Name: Frame

Start Date: 26/06/2012

Required Date: 10/07/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.09.08 new issue DD verf:EC
10.11.30 AS PER DWG REV.H DD VERF:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.065		Purchased			No			100	f	1,384.916	2.12	2.231579	

M304TS0 750W 065

304 SQ Tube .75x.75x.065W

**

PL 12.10.00

Location	Loc Qty	Loc Code
MAT	1000	
112398	0	
122051	1000	
MAT017	343.9169370	
120267	26.9468670	
120633	316.97007	
MAT018	41	
7636	41	

4.46

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D2330-041	BASKET ASSEMBLY
3		X	D2330-043	LID ASSEMBLY
7	1		D2012-107	CLEVIS
8	4		D2235-1	RIB
9	2	2	D2252-1	FRAME
10	1	4	D2252-7	FRAME
11	2		D2253-1	LUG
12	2		D2254	GUSSET
13	1	1	D2327-3	BUSHING
14		1	D2329	LABEL PLATE
15	2	2	D2330-1	FRAME
16	1		D2330-5	FRAME
17	1		D2330-7	FRAME
18		1	D2330-15	FRAME
19	4	2	D2581	MOUNTING CHANNEL
20	3		D3748-1	HINGE HALF
21		3	D3749-1	HINGE HALF

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 80302 *MLJ*
12/06/26

RELEASED
2010-11-25 *U*

NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) WEIGHT: N/A
- 9) WELDING: PER DART QSI 004

H	DIM 0.50 WAS 0.75 (ZN D2-3 & D6-3) REF NCR 10-346	JPH	10.09.28
G	ADDED 'ITEM' COLUMN TO PARTS LIST; ADDED NOTE 10 ON SHT 2; ITEMS 20 AND 21 REPLACE D2232-1/-3; STRETCHED LID FROM 83.27" TO 84.00"; ITEMS 9 & 10 REPLACE D2330-3/-9/-13; ITEM 13 (ON LID) REPLACES D2327-1; REORGANIZED ALL SECTION & DETAIL VIEWS. REASON: SEE PAR#09-006.	MB	09.02.05
F	DRAWING UPDATED TO CURRENT STANDARDS. SHEET 6 ADDED. FRAME MATERIAL THICKNESS WAS 0.060.	AJS	08.08.11
E	INCORPORATED D1. D2253-1 WAS D2253 (NCR 533).	KE	05.11.10
D	MODIFIED LATCH, REDRAWN	KE	99.09.14
C	ADDED LATCH AND LABEL PLATE	BK	96.05.23
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. H
MFG. APPR.	<i>[Signature]</i>	D2330	SHEET 1 OF 6
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET ASSEMBLY (206B)	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

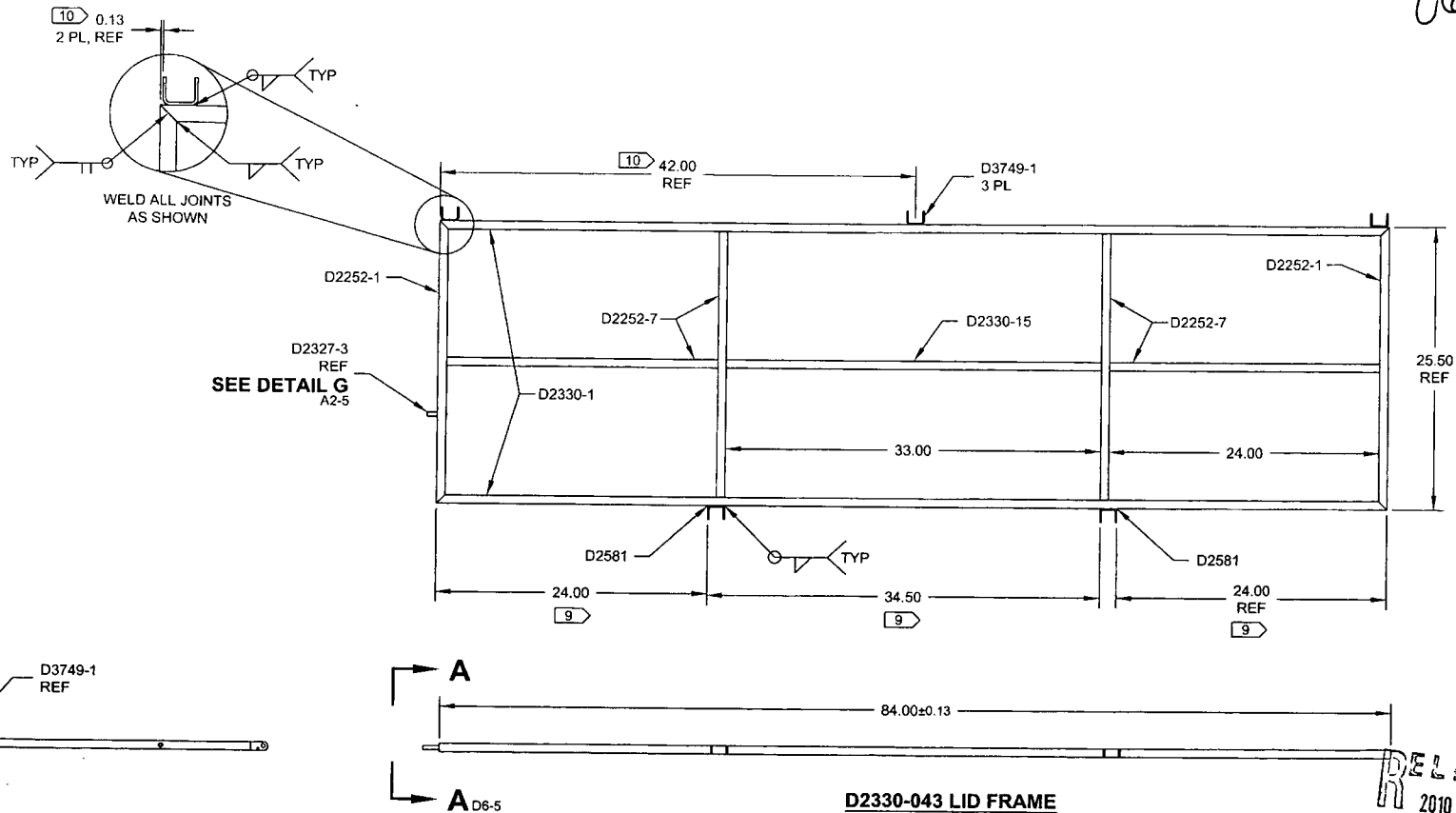
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

86302



LID FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004
- 9) ALIGN WITH ADJACENT D2581 ON BASE
- 10) CENTER D3749-1 HINGE HALF ON D3748-1 HINGE HALF LOCATED ON D2330-041 BASKET BASE ASSEMBLY

D2330-043 LID FRAME

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2010-11-25

DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 2 OF 6
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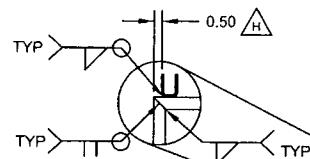
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

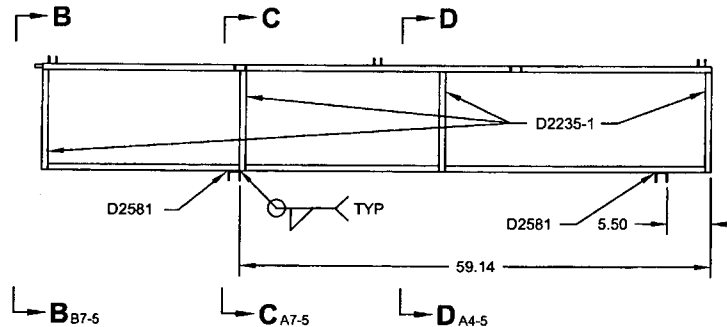
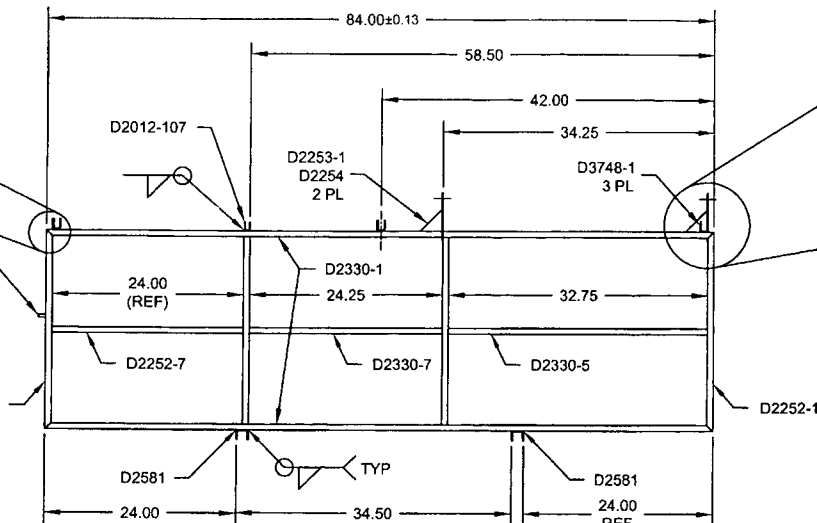
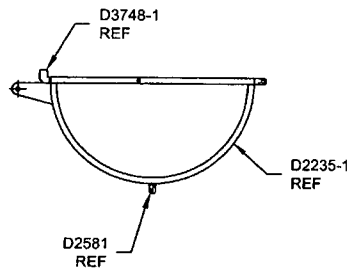
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



WELD ALL JOINTS
AS SHOWN

SEE DETAIL G
A2-5



D2330-041 BASE FRAME ASSEMBLY

BASE FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

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CHECKED	UP	DRAWING NO.	REV. H
MFG. APPR.	M	D2330	SHEET 3 OF 6
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RELEASE
2010-11-25

06302

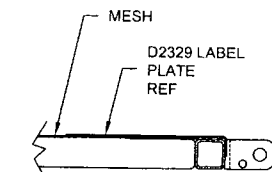
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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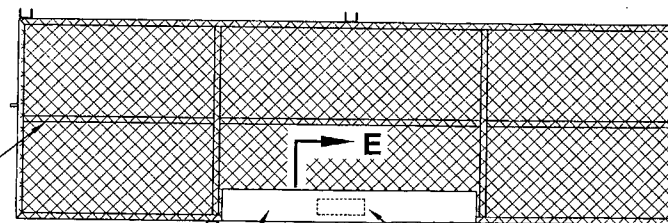
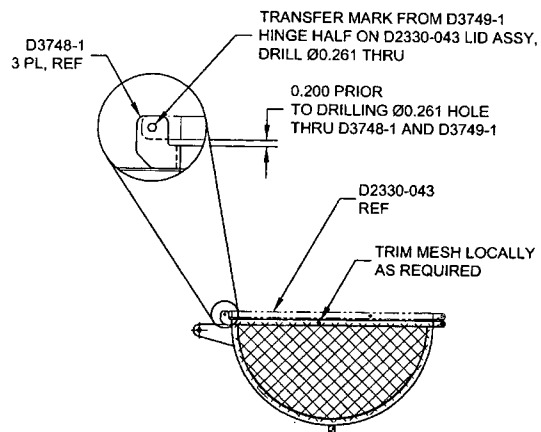
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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SECTION E-E C3-4
VIEW ROTATED 90° CCW

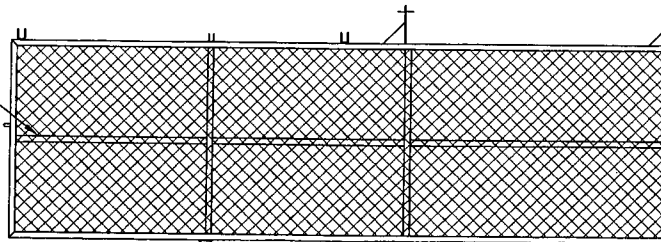
TACK WELD EACH
STRAND END OF
MESH TO FRAME



D2329 LABEL PLATE
CENTER ON THE
BASKET LID

REMOVE 2" X 6" SECTION
OF MESH FROM BEHIND
LABEL PLATE

D2330-043 LID ASSEMBLY



D2330-041 BASE ASSEMBLY

ASSEMBLY NOTES:

- 1) MATERIAL: SEE SHEET 1 FOR MESH MATERIAL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 4 OF 6
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

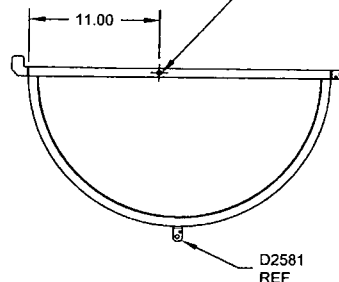
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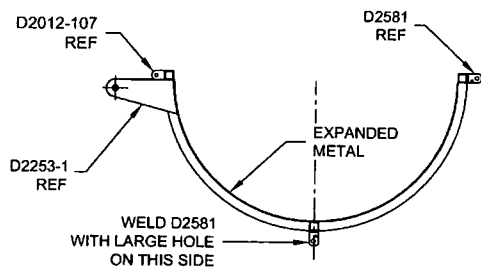


VIEW A-A A6-2

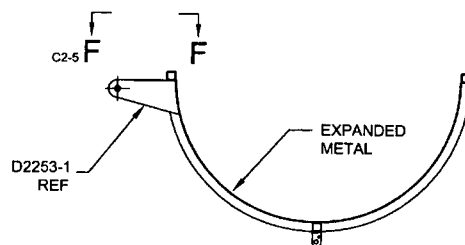
DRILL 3/8 HOLE AND
INSTALL D2327-3
SEE DETAIL G A2-5



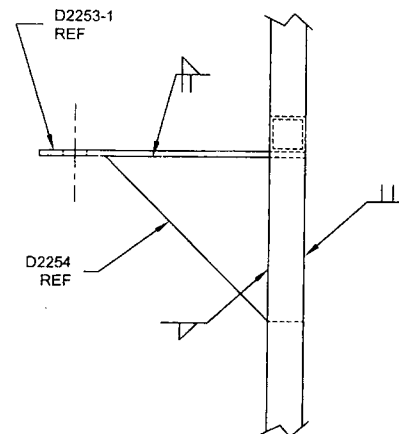
VIEW B-B A5-3



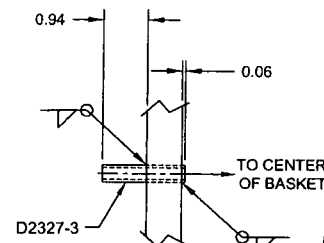
SECTION C-C A4-3



SECTION D-D A3-3



VIEW F-F B6-5
SCALE 4X



DETAIL G
SPACER INSTALLATION
SCALE 4X

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2010-11-25

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DRAWN	A. F. J. H.	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. H
MFG. APPR.	JP	D2330	SHEET 5 OF 6
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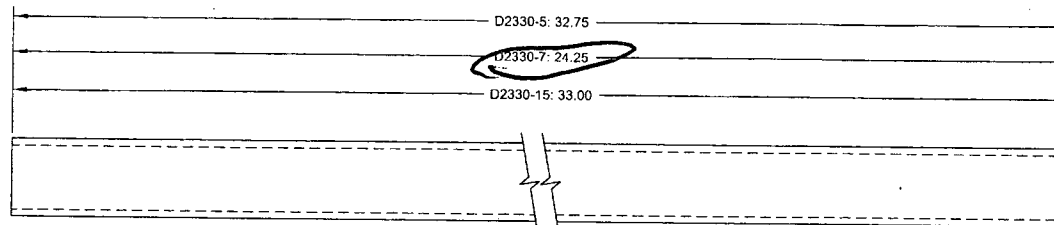
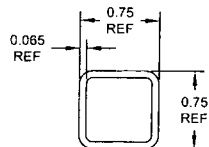
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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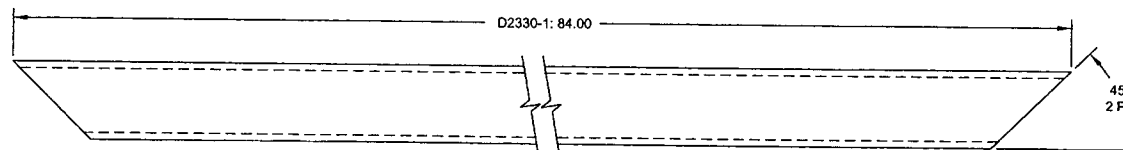
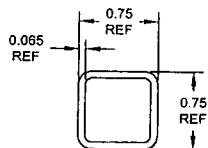
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NOTE: Date & initial all entries

26302



D2330-5 FRAME
D2330-7 FRAME
D2330-15 FRAME



D2330-1 FRAME

RELEASED
 2010-11-25

NOTES:

- 1) FRAME MATERIAL: SEE SHEET 1
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN	JB	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. H
MFG. APPR.		D2330	SHEET 6 OF 6
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